

Please substitute the following paragraph on page 2, lines 7-20:

A1 Other errors in medicinal calculations occur with the administration of medication by intravenous fluids. Current methods for assuring accuracy in administering medications via intravenous fluids include programmable pumps similar to those pumps disclosed in U.S. Patent Nos. 5,772,635; 5,681,285; 4,898,578; and 4,714,462. However, such programmable pumps are costly, expensive to maintain, and not always readily available. Therefore, manual hand calculations for administering medications using intravenous fluid are very often required. In such cases, intravenous fluids are administered by manually setting a drip chamber to allow a certain number of drops per minute to enter the intravenous tubing from the IV bag and to flow into the patient's vein. When the nurse or technician manually sets the flow rate by setting drip chambers, they have to carry out hand calculations to determine the appropriate number of drops per minute for the fluid to flow in accordance with the correct total dose for the patient. Since there are no quick and easy-to-use devices available to help perform such dosage conversions, hand calculations of drug dosages or flow rates are often performed.

Please substitute the following paragraph on page 3, lines 9-17:

A2 Further apparatuses directed to performing or recording medical information require a means for communicating with a host computer or server. For example, U.S. Patent No. 5,781,442 discloses a system and method for patient care management; U.S. Patent No. 5,272,318 teaches a system for ensuring proper treatment is being administered to the correct patient; U.S. Patent No. 5,261,702 teaches a system for monitoring daily administration of medication to a patient; U.S. Patent Nos. 5,088,981 and 4,810,243 disclose various programmable systems for customized delivery of medication to a patient; and U.S. Patent No. 4,807,170 discloses a computer system for calculating drug administration rates for IV systems.